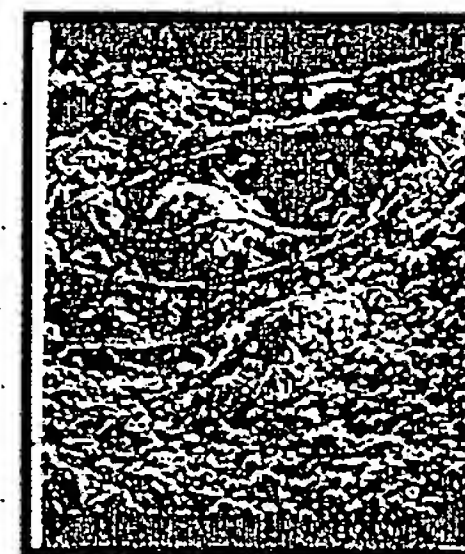


DELPHION[Log Out](#) [Work Files](#) [Saved Searches](#)[RESEARCH](#)[PRODUCTS](#)[INSIDE DELPHION](#)[My Account](#)Search: [Quick/Number](#) [Boolean](#) [Advanced](#)**Derwent Record**View: [Expand Details](#) Go to: [Delphion Integrated View](#)Tools: [Add to Work File](#) [Create new](#)**Derwent Title:** Capsules of esterificated polysaccharide and polyamine - have membrane surface structure formed by transacylate reaction.**Original Title:** ☒ FR2703927A1: UTILISATION D'UNE REACTION DE TRANSACYLATION ENTRE UN POLYSACCHARIDE ESTERIFIE ET UNE POLYAMINE POUR FORMER EN MILIEU AQUEUX UNE MEMBRANE AU MOINS EN SURFACE DE PARTICULES GELIFIEES.**Assignee:** COLETICA Non-standard company**Inventor:** EDWARDS-LEVY F; EDWARDS-LEVY F M; LEVY M; ORLY I; ORLY I L;**Accession/Update:** 1994-335074 / 200428**IPC Code:** B01J 13/14 ; B01J 13/16 ; A01N 3/00 ; A23C 9/12 ; A61K 7/00 ; A61K 9/14 ; A61K 9/16 ; A61K 9/50 ; A61K 47/36 ;**Derwent Classes:** [A97](#); [B07](#); [C07](#); [D13](#); [J04](#); [A11](#); [B04](#); [D16](#);**Manual Codes:** A03-A00A(Polysaccharides uses) , A08-D03(Amines crosslinkers and accelerators for other polymers) , A10-E07(Chemical modification by esterification) , A12-W05 (Encapsulated articles) , B04-C02D(Polysaccharides from plant) , B04-C03D(Natural, other condensation [exc. polyethers]) , B14-R01(Cosmetic general and other) , C04-C02(Polysaccharides [general]) , C04-C02D (Polysaccharides from plant) , C04-C03D(Natural, other condensation [exc. polyether]) , C10-B01(Polyamine [general]) , C12-M11C(Capsule) , C14-E11(Anabolic, anorexia treatment) , C14-R01(Cosmetic general and other) , D03-H01(Foodstuffs; non-alcoholic beverages and preparations not provided for elsewhere, general) , D05-A02(Other enzyme process (non-fixed) general) , J04-A05(Granulation, pelleting)**Derwent Abstract:** (FR2703927A) The particle, especially a ball or capsule or sphere, is of an esterificated polysaccharide and a polyamine which do not gel augmented by a polysaccharide which does gel. The particle has at least one membrane surface formed by transacylate reaction through the covalency between them within a soluble gel.**Use** - The composition is for applications such as cosmetic, pharmaceutical, nutrition, enzyme, or for cleaning the blood, for agriculture, for seed coating or in biotechnology. They can contain a hormone or antibody or haemoglobin, active carbon, tissue or organ material, microorganisms, seeds or eggs or bacteria.**Advantage** - The method gives a membrane structure in a strictly watery medium.**Images:****BEST AVAILABLE COPY**



Dwg.0/4, Dwg.0/4, DwU.0/4

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/> FR2703927A1 *	1994-10-21	199442	49	French	B01J 13/16
Local appls.: FR1993000004332 Filed:1993-04-13 (93FR-0004332)					
<input type="checkbox"/> JP03524096B2 =	2004-04-26	200428	22	English	B01J 13/14
Local appls.: Previous Publ. JP08508933 (JP 8508933) Based on WO09423832 (WO 9423832) JP1994000522829 Filed:1994-04-13 (94JP-0522829) WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)					
<input checked="" type="checkbox"/> ES2102855T3 =	1997-08-01	199737		Spanish	B01J 13/14
Local appls.: Based on EP00693963 (EP 693963) EP1994000913638 Filed:1994-04-13 (94EP-0913638)					
<input type="checkbox"/> US5635609 =	1997-06-03	199728	19	English	B01J 13/14
Local appls.: Based on WO09423832 (WO 9423832) US1995000492057 Filed:1995-07-20 (95US-0492057) WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)					
<input checked="" type="checkbox"/> DE69402310E =	1997-04-30	199723		German	B01J 13/14
Local appls.: Based on WO09423832 (WO 9423832) Based on EP00693963 (EP 693963) DE1994000602310 Filed:1994-04-13 (94DE-0602310) WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409) EP1994000913638 Filed:1994-04-13 (94EP-0913638)					
<input type="checkbox"/> EP0693963B1 =	1997-03-26	199717	38	French	B01J 13/14
Des. States: (R) AT BE CH DE ES FR GB IT LI NL Local appls.: Based on WO09423832 (WO 9423832) WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409) EP1994000913638 Filed:1994-04-13 (94EP-0913638)					
<input type="checkbox"/> JP08508933W =	1996-09-24	199704	62	English	B01J 13/14
Local appls.: Based on WO09423832 (WO 9423832)					

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JP1994000522829 Filed:1994-04-13 (94JP-0522829)

WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)

☒ EP0693963A1 = 1996-01-31 199609 French B01J 13/14

Des. States: (R) AT BE CH DE ES FR GB IT LI NL

Local appls.: Based on WO9423832 (WO 9423832)

EP1994000913638 Filed:1994-04-13 (94EP-0913638)

WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)

☒ WO9423832A1 = 1994-10-27 199442 64 English B01J 13/14

Des. States: (N) CA JP US

(R) AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Local appls.: WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)

☒ INPADOC None

Legal Status:

☒ Priority Number:

Application Number	Filed	Original Title
FR1993000004332	1993-04-13	

☒ Chemical Indexing Codes: [Show chemical indexing codes](#)☒ Markush [Show Markush numbers](#)

Compound Numbers:

☒ Extended Polymer Index: [Show extended polymer index](#)☒ Specific [Show specific compounds](#)

Compound Numbers:

☒ Registry Numbers: 10[M1]:1866U
 05[M2]:0819U
 07[M2]:1062U
 08[M2]:0915U
 09[M2]:0624U 0793U 0850U
☒ Unlinked Registry Numbers: 0368U 0624U 0743U 0793U 0819U 0850U 0915U 1062U 1514U 1866U☒ Polymer [Show polymer multipunch codes](#)

Multipunch Codes:

☒ Polymer Keyterm [Show polymer keyterm serial numbers](#)

Serial Number:

☒ Citations:

PDF	Patent	Original Title
<input checked="" type="checkbox"/>	GB2145992	MICROENCAPSULATION OF VIABLE CELLS
<input checked="" type="checkbox"/>	US3503769	METHOD OF MODIFYING ALKYLENE GLYCOL ALGINATES
<input checked="" type="checkbox"/>	US4352883	ENCAPSULATION OF BIOLOGICAL MATERIAL
<input checked="" type="checkbox"/>	US5132242	FLUORESCENT MICROSPHERES AND METHODS OF USING THEM

☒ Related Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C1994-152343	C		
1 item found			

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Title Terms: CAPSULE POLYSACCHARIDE MEMBRANE SURFACE STRUCTURE
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